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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 10:20:49 ON 16 JUN 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:21:11 ON 16 JUN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 JUN 2008 HIGHEST RN 1028329-25-0
DICTIONARY FILE UPDATES: 15 JUN 2008 HIGHEST RN 1028329-25-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

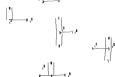
Uploading C:\Program Files\Stnexp\Queries\10591871.str



t_1, t_2 t_3, t_4 t_5, t_6



t_1, t_2 t_3, t_4 t_5, t_6



```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 42 43 44 45 74 76
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-74 11-12 13-14 14-15 16-17 16-18 19-74 19-76 20-21 22-23 24-25 25-26
27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39 39-40 39-41 42-76
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-74 11-12 13-14 14-15 16-17 16-18 19-74
19-76 24-25 25-26 27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39
39-40 39-41 42-76
exact bonds :
4-7 20-21 22-23
isolated ring systems :

```

containing 1 :

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2:[*13-*14],[*15-*16],[*17-*18],[*19-*20]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS
37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:Atom 43:CLASS 44:CLASS
45:CLASS 74:CLASS 76:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 10:21:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE

100.0% PROCESSED 188 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=>

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I_1, I_2 I_3, I_4, I_5, I_6



I_1, I_2 I_3, I_4, I_5, I_6



```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 42 43 44 45 74 76
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-74 11-12 13-14 14-15 16-17 16-18 19-74 19-76 20-21 22-23 24-25 25-26
27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39 39-40 39-41 42-76
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-74 11-12 13-14 14-15 16-17 16-18 19-74
19-76 24-25 25-26 27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39
39-40 39-41 42-76

```

exact bonds :
4-7 20-21 22-23
isolated ring systems :
containing 1 :

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2:[*1-*2],[*13-*14],[*15-*16],[*17-*18]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS
37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:Atom 43:CLASS 44:CLASS
45:CLASS 74:CLASS 76:CLASS

L3 STRUCTURE UPLOADED

=> d l3

L3 HAS NO ANSWERS

L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l3 full

FULL SEARCH INITIATED 10:22:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

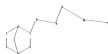
L4 0 SEA SSS FUL L3

=>

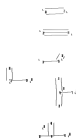
Uploading C:\Program Files\Stnexp\Queries\10591871b.str



R_1, R_2 R_1, R_2, R_3



R_1, R_2 R_1, R_2, R_3



```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 42 43 44 45 74 76 77
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-74 11-12 13-14 14-15 16-17 16-18 19-74 19-77 20-21 22-23 24-25 25-26
27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39 39-40 39-41 42-76
76-77
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-74 11-12 13-14 14-15 16-17 16-18 19-74
19-77 24-25 25-26 27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39
39-40 39-41 42-76 76-77
exact bonds :
```

4-7 20-21 22-23
isolated ring systems :
containing 1 :

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2:[*13-*14],[*15-*16],[*17-*18],[*19-*20]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS
37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:Atom 43:CLASS 44:CLASS
45:CLASS 74:CLASS 76:CLASS 77:Atom

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 15 full

FULL SEARCH INITIATED 10:22:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE

100.0% PROCESSED 188 ITERATIONS

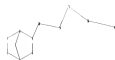
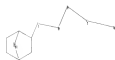
0 ANSWERS

SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L5

=>

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```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 42 43 44 45 74 76 77
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-74 11-12 13-14 14-15 16-17 16-18 19-74 19-77 20-21 22-23 24-25 25-26
27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39 39-40 39-41 42-76
76-77
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-74 11-12 13-14 14-15 16-17 16-18 19-74
19-77 24-25 25-26 27-28 27-29 30-31 30-32 30-33 34-35 35-36 35-37 38-39
39-40 39-41 42-76 76-77

```

exact bonds :
4-7 20-21 22-23
isolated ring systems :
containing 1 :

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2:[*1-*2],[*13-*14],[*15-*16],[*17-*18]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS
37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:Atom 43:CLASS 44:CLASS
45:CLASS 74:CLASS 76:CLASS 77:Atom

L7 STRUCTURE LOADED

=> d l7

L7 HAS NO ANSWERS

L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l7 full

FULL SEARCH INITIATED 10:23:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L8 0 SEA SSS FUL L7

=>

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 $I_1^2 \quad I_2^2 \quad I_3^2$

 $I_1^2 \quad I_2^2 \quad I_3^2$


```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 37 39
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-37 11-12 13-14 14-15 16-17 16-18 19-37 19-39
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-37 11-12 13-14 14-15 16-17 16-18 19-37
19-39
exact bonds :
4-7
isolated ring systems :
containing 1 :
```

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 37:CLASS 39:CLASS

L9 STRUCTURE UPLOADED

=> d l9

L9 HAS NO ANSWERS

L9 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l9 full

FULL SEARCH INITIATED 10:24:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 137264 TO ITERATE

100.0% PROCESSED 137264 ITERATIONS

4241 ANSWERS

SEARCH TIME: 00.00.02

L10 4241 SEA SSS FUL L9

=>

Uploading C:\Program Files\Stnexp\Queries\10591871e.str



I_1, I_2, I_3, I_4, I_5



I_1, I_2, I_3, I_4, I_5



```

chain nodes :
11 12 13 14 15 16 17 18 19 20 21 22 37
ring nodes :
1 2 3 4 5 6 7
chain bonds :
5-37 11-12 13-14 14-15 16-17 16-18 19-37
ring bonds :
1-2 1-6 1-7 2-3 3-4 4-5 4-7 5-6
exact/norm bonds :
1-2 1-6 1-7 2-3 3-4 4-5 5-6 5-37 11-12 13-14 14-15 16-17 16-18 19-37
exact bonds :
4-7
isolated ring systems :
containing 1 :

```

G1:[*1-*2],[*3-*4],[*5-*6],[*7-*8],[*9-*10],[*11-*12]

G2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 20:CLASS
21:CLASS 22:CLASS 37:CLASS

L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l11 full

FULL SEARCH INITIATED 10:24:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 137264 TO ITERATE

100.0% PROCESSED 137264 ITERATIONS

11850 ANSWERS

SEARCH TIME: 00.00.02

L12 11850 SEA SSS FUL L11

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1071.08

1071.29

FILE 'CAPLUS' ENTERED AT 10:25:46 ON 16 JUN 2008

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FILE COVERS 1907 - 16 Jun 2008 VOL 148 ISS 25

FILE LAST UPDATED: 15 Jun 2008 (20080615/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s l10 full

L13 164 L10

=> s l12 full

L14 1049 L12

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.48

1071.77

STN INTERNATIONAL LOGOFF AT 10:26:19 ON 16 JUN 2008